

GEOLOGICAL MYSTERIES.

Supposed Origin of Some of the Precious Stones of Commerce and Their Nature.

All of One Family and Their Different Names Indicative of Their Color.

The Curious History of a German Flower Box, Proving Conclusively There is Money in Geraniums.

Geology has been a revelation to mankind, and has told up wonderful things of the past history of the earth, says the American Analyst. But geology has secrets of its own that are as hidden from comprehension as the atmosphere of the moon or the bolts of a storm. Certain things have been done, says the geologist, through volcanic action or the agency of fire, and that is as near as he can come to it. So that after all we see effects, but know little or nothing of the causes. There is a rock known as amygdaloid, one of the igneous rocks, which is some of the gigantic transformations of nature, we will say in cooling from a molten state, formed within itself cavities, from the size of a marble or lead to that of the closed hand. Now, as nature abhors a vacuum, she set to work to fill these cavities, and in doing so she used other materials, and these combinations produced some of what we call the "precious stones of commerce." Exactly how this was done we cannot tell, but we see some hint of the operation in every subterranean cave where stalactites and stalagmites form. Ever student knows that this is the result of dripping water which contains carbonate of lime. The water evaporating, leaves a minute particle of lime which takes something to itself from the earth or atmosphere, and in the course of ages bodies are formed of a most remarkable character. In probably somewhat the same fashion have these cavities been filled with the igneous rocks, and then come time and storm and other agencies, earthquakes, perhaps, and the rocks are rent apart, and out drops a bead or a boulder, and a curious man picks it up, and examines it, and breaks it, and then he puts a polish on it by some process more or less advanced, and lo! he holds in his hand an agate or an onyx. Many of the stones used in the arts have no other origin, and are deposits of silica, alumina, oxide of iron and other coloring substances. It is the color or arrangement of colors that gives the name, and thus we have agate, onyx, chalcedony, carnelian, sard, chrysoprase, sardonyx and others, all members of the quartz family, and all having a family resemblance. The agate has veins of different colors, and the onyx has parallel lines. Sometimes these are very close together, as many as fifty to the inch, but this is unusual. When there are alternate bands of color and a transparent medium, we have the onyx; but the latter may be obtained by cutting the stone in a different way. Agates are used chiefly for ornamental purposes, such as cups, seals, rings, handles for pens, pencils, and other small ornaments, but the material is so hard that it can only be worked by those who have practiced skill. The onyx was valued by the ancients for its application to canes and daggers—the first an object in relief, the latter a "cut in process," and these objects are still made. Nature produces very strange forms occasionally, and agates are found with exact resemblances of moss and other natural objects and figures, which are very curious and often very valuable.

Treasure in a Flower Pot.
If any person, male or female, in Charleston has a geranium pot, a vicarious geranium pot, which once was a receptacle for shoemaker's pegs, awls, etc., it should be treasured as a possible mine from which millions of money may one day evolve, says the Charleston News and Courier. And this is the reason. It is a very pretty story: In 1872 a German artisan, a shoemaker, died in Charleston. He had a brother here to whom, on his deathbed he bequeathed an old box about the size of the vessel in which ladies plant geraniums in lieu of the clay pots of Dutch manufacture. The brother, who became heir to the pot, knew not what to do with the curious legacy, but he kept it in a trunk until a few years ago, when he married. It was subsequently taken from the trunk and given to his little girl as a plaything. The little girl, however, the contents of the box, pegs, awls, etc., to the four winds. About a year ago the father died and a loving wife utilized the box as one in which she planted some geraniums and placed it on the grave of her dead husband. When the plants grew the box was taken back to the city again and did service as a plaything. One day the bottom fell out of the box and it was then found that the heirloom had two bottoms. A roll of bank bills fell out of the false bottom, and with the roll some pieces of silver, three half-dollars. The fact was reported to the little girl's mother, and on counting the amount she found that it was \$135. It has been since ascertained that the man who left the small but interesting legacy died before he could explain the real reason for the gift of the box. The circumstances as above were related to a reporter for the News and Courier recently by Mrs. Eggers, who resides on King street, and to whom the facts were given by the lady who is in possession of the money. A very interesting part of the story is that the lady is a part of the money at once to erect a memorial to the testator at St. Bethany cemetery. It has always been contended that there is money in geranium pots. The theory will receive a great boost by the facts as given.

Christmas and New Year Excursions.
For the holiday season, excursion rates will be in effect on the St. Paul, Minneapolis & Manitoba railway to and from all points on its lines.

Tickets will be sold on the following dates: Dec. 24, 25 and 31, 1889, and Jan. 1, 1890, at one and one-third fare for the round trip, except between points in Dakota and Montana, where the rate will be one and one-half fare for the round trip. Tickets will be good for return passage up to and including Jan. 1, 1890.

Apply for further information to agents of the St. Paul, Minneapolis & Manitoba railway, or write: F. L. WINTER, G. P. & T. A., St. Paul, Minn.

Home for the Holidays.
The St. Paul, Minneapolis & Manitoba railway will sell tickets at excursion rates from all points on its lines on Dec. 24, 25 and 31, 1889, and Jan. 1, 1890.

Begg's Cherry Cough Syrup.
Is giving splendid satisfaction to the trade and the sales are positively marvelous, which can be accounted for in no other way except that it is without doubt the best on the market. Ask for and be sure you get the genuine. We keep it, H. S. Hale & Co., Druggists.

Cure for Piles.
Itching piles are known by moisture like perspiration, producing a very disagreeable itching after getting warm. This form, as well as blind, bleeding and protruding piles, yield at once to the application of Dr. Bosanko's Pile Remedy, which acts directly

upon the parts affected, absorbing the tumors, driving the disease behind and effecting a permanent cure. Fifty cents. Address The Dr. Bosanko Medicine Company, Piqua, Ohio. Sold by H. S. Hale & Co.

The Verdict Unanimous.
W. D. Suit, druggist, Bippus, Ind., testifies: "I can recommend Electric Bitters as the very best remedy. Every bottle sold has given relief in every case. One man took six and was cured of rheumatism of ten years' standing." Abraham Hare, druggist, Belleville, Ohio, affirms: "The best selling medicine I have ever handled in my twenty years' experience, is Electric Bitters." Thousands of others have added their testimony, so that the verdict is unanimous that Electric Bitters do cure all diseases of the liver, kidneys or blood. Only half a dollar a bottle at H. S. Hale & Co.'s drug store.

Herculean Strength.
Continually on the strain, or overtaxed at intervals, is far less desirable than ordinary vigor perpetuated by rational diet and exercise, and abstention from excess. Professional pugilists and athletes rarely attain old age. As ordinary vigor may be retained by a wise regard for sanitary living, and for the protection of the system against timely and judicious medication affords, so also it may be lost through prolonged sedentary labor, interrupted mental strain, and foolish eating and drinking, the chief and most immediate sources of all four being dyspepsia. For this condition, then, or in any way induced, and for its offspring, a failure of muscular and nerve power, loss of appetite and sleep, and other ailments, the most genial of remedies. Not only indigestion, but loss of flesh, appetite and sleep are remedied by it. Incipient malaria and rheumatism are banished, and kidney, bowel and liver complaint removed by it.

What on Earth.
Is the reason people will not, cannot, or do not see any difference in cheap nostrums put up by cheap druggists, and the responsible parties at enormous profits, rather than take a medicine of world-wide reputation and one that is giving universal satisfaction at equal price? No medicine in the world is giving such unparalleled satisfaction for purifying the blood as Begg's Blood Purifier and Blood Maker, and every bottle that does not do its work will cost you nothing. For sale by all druggists, H. S. Hale & Co., wholesale and retail agents.

There was a terrible epidemic of dysentery and cholera in Page county, Illinois, last summer. As many as five deaths occurred in one day. Messrs. Walter Brothers, of Waterbury, sold over 300 bottles of Colic, Cholera and Diarrhea Remedy during this epidemic, and say they never heard of its failing in any case when the directions were followed. It was the only medicine used that did cure the worst cases. Many persons were cured by it after the doctors had given them up. Twenty-five and 50-cent bottles for sale by H. M. Parthen & Co.

PROFESSIONAL CARDS.

F. E. CRUTCHER,

Attorney-at-Law.

Gold Block, Mining and Commercial Law.

A. A. LATHROP,

Lawyer.

Masonic Block, Helena, Mont.

JARRETT T. RICHARDS,

Attorney-at-Law.

Room 1, Bailey Building, Helena, Montana.

Postoffice Box 712.

E. L. FLAHERTY,

Undertaker.

106 Warren Street, Telephone 210.

ASHBURN K. BALDWIN,

Attorney and Counselor at Law.

Masonic Temple, Helena, Mont.

MARSHALL BULLARD,

Attorney and Counselor at Law.

Will practice in all courts of record in the territory. Office in Gold Block, Helena, Mont.

W. LONG,

Veterinary Surgeon.

Office—Breck & Fisher's Stables, Lower Main street, Telephone 120.

WOOLFOLK & BROWNING,

Attorneys-at-Law.

304 Dearborn street, Chicago, Ill.

ALB. M. WOOLFOLK, GRANTVILLE W. BROWNING

J. M. ROCKMAN,

Physician, Surgeon, Acupuncture, Oculist and Aurist.

Member of San Francisco Medical Society, also Nevada State Medical Society.

Office—Parsons' drug store, corner above Main and Broadway. Entrance on Broadway and Jackson, Helena, Montana. Consultations in German and English.

A. H. NELSON,

Attorney-at-Law.

Late Examiner of Mineral and Railroad Land cases in the General Land Office, Washington, D. C.

Seven years' experience in the General Land Office. Practices in all the State and United States Supreme Courts. Land and Mining Law a Specialty. Room 16, Bailey Block, Helena.

HARRY A. STEPHENS, Abstractor.

Rooms 1, 2 and 3, Bailey Block, Helena, Mont.

FRENCH LESSONS.

By PROF. A. DANSE.

Of the Western University of Pennsylvania and the Pittsburgh Female College.

Apply 127 Howe Street.

(CONTRACT FOR COAL-WOOD OR COAL.)

The Montana Company, Limited, is prepared to receive bids for the supply of the whole or any part of five thousand cords of coal, merchantable, soft coal, or fifteen thousand tons of coal, to be delivered on cars or in its wood yard at Marysville, on or before the 1st day of May, 1890, and to be contained thereafter at the rate of 1,000 cords of coal or 2,000 tons of coal per month, until the contract is completed.

Contractors for coal will be required to furnish one sample carload of the quality they propose to supply.

The Montana Company does not bind itself to accept the lowest or any bid.

Sealed proposals will be received by the undersigned up to 12 o'clock, noon, on Wednesday, the 31st of January, 1890.

B. T. BAYLIS.

Marysville, Mont. Dec. 10, 1889.

BUY NOW!

For investment. Lots near Northern Pacific depot.

\$150 EACH AND UPWARDS.

HOUSES, AND LOTS 20x10 FEET, ONLY \$200, fourth cash, balance one, two and three years.

This is a bargain. Will pay over 50 per cent on investment.

THESE PRICES GOOD FOR TWENTY DAYS.

Inquire of C. A. GRISWOLD, Office 1231 Helena Avenue, near N. P. depot. Real estate.

GOLD SEAL RUBBER GOODS.

Oil Clothing & Horse Covers. Snag-Proof Rubber Boots.

MANUFACTURED BY GOODYEAR RUBBER CO'Y.

St. Paul Branch, 131 East Third Street. JAMES SUDAM, Agent. Minneapolis Branch, 20 Nicollet Avenue. JOHN J. TALLEMAK, Agent.

For sale by all dealers. Ask for them and take no others.

W. F. FRANKLIN, Resident Salesman, Helena.

LOTTERY

—OF THE— Beneficencia Publica.

Established in 1887

—BY THE— MEXICAN NATIONAL GOVERNMENT.

Operated Under a Twenty-Years' Contract

—BY THE— Mexican International Improvement Co.

Grand Monthly Drawings held in the Muroque Pavilion in the Alameda Park, City of Mexico, and publicly conducted by Government Officials appointed for the purpose by the Secretary of the Interior and the Treasury.

The monthly Four Dollar Drawing will be held

—IN THE— City of Mexico,

Thursday, January 9, 1890.

CAPITAL PRIZE, \$60,000!

80,000 Tickets at \$1, \$320,000.

2,276 Prizes, amounting to \$178,360.

Price of Tickets, American Money.

Wholes, \$4; Halves, \$2; Quarters, \$1.

LIST OF PRIZES:

1 Capital Prize of \$60,000 is \$60,000

1 Capital Prize of 20,000 is 20,000

1 Capital Prize of 10,000 is 10,000

1 Grand Prize of 5,000 is 5,000

3 Prizes of 1,000 are 3,000

6 Prizes of 500 are 3,000

20 Prizes of 250 are 5,000

100 Prizes of 100 are 10,000

100 Prizes of 50 are 5,000

354 Prizes of 20 are 7,080

APPROXIMATION PRIZES.

150 Prizes of \$60, approximation to \$9,000

150 Prizes of \$50, approximation to \$7,500

150 Prizes of \$40, approximation to \$6,000

700 Terminals of \$20, decided by \$15,000

276 All prizes sold in the United States full paid in United States currency.

SPECIAL FEATURES.

By terms of contract the company must deposit the sum of all prizes included in the scheme before selling a single ticket, and receive the following official permit:

"Certificado que la Compañía de Lotería Nacional de México y Centro América ha depositado en el Tesoro de la Hacienda Pública, el monto de los premios que se han de pagar en el sorteo de la Lotería Nacional de México."

R. RODRIGUES RIVERA, Interventor.

Further, the company is required to distribute fifty-six per cent of the value of all the tickets in prizes, a larger proportion than is given by any other lottery.

All drawings under the personal supervision and management of Dr. Ramon Rodriguez Rivera, Interventor appointed by the government.

List of prizes will be sent immediately after the drawing to all correspondents, or on application.

Prizes may be deposited for collection with any Bank or Express company, or sent through them by mail (registered in this office).

For full particulars address: J. B. BARRATT, Apartment 730 City of Mexico, Mexico.

T. P. FULLER,

Opposite First National Bank.

GOODYEAR'S GOLD SEAL BELTING

GOODYEAR'S OAK TANNED BELTING

GOODYEAR'S GOLD SEAL RUBBER HOSE

GLOVE-FITTING CORSETS STILL AHEAD

Thompson's Improved Glove Fitting Corsets

Are now made with Our

Smooth Flat Seam

To avoid discomfort caused by the Lapped Seam formerly used.

ARE MORE POPULAR THAN EVER

A Perfect Fit, with absolute Comfort now guaranteed.

Three Lengths—Short, Medium, Extra Long.

TWELVE GRADES.

The Best Goods, Most Comfortable to Wear, wear, and Cheapest for Quality. For Sale by

BUENELL & CO., and

NEW YORK DRY GOODS STORE

LANGDON, BACHELLER & CO.

(Successors to Thompson, Langdon & Co.)

New York.

Sole Manufacturers.

THE NEW YORK DRY GOODS STORE

For the Holidays.

REVOLUTIONARY MOVEMENT IN PRICES!

Our patronage the past week was the largest in the history of our establishment. A rich harvest is in store for our customers this week. A reduction sale with us is a public benefit. Helena and the surrounding country is aroused, as they know we do not do things by halves. The New York store has the solitary reputation in Helena of living up to the very letter of its advertisements. Mail orders reach us from far and near in such quantities that we are obliged to employ additional help for this portion of our trade alone. The ladies are pleased and gratified to have an establishment of such magnitude in their midst. New York Prices have quarantined the use of eastern catalogues.

Reductions in Cloth Newmarkets and Ulsterettes.

See our Ulsterettes, Splendid Value,	\$5	GRAND
See our Ulsterettes, Splendid Value,	7.40	Reduction Sale
See our Ulsterettes, Splendid Value,	8.70	—OF—
See our Newmarkets, Splendid Value,	10	NEWMARKETS.
See our Newmarkets, Splendid Value,	12	
See our Newmarkets, Splendid Value,	14.50	
See our Newmarkets, Splendid Value,	16	
See our Newmarkets, Splendid Value,	19	
See our Newmarkets, Splendid Value,	21.50	
See our Newmarkets, Splendid Value,	23	
See our Newmarkets, Splendid Value,	26	

We are very confident as to the merits of our Newmarkets and Ulsterettes, the shapes being exquisite, the value unsurpassed and of the highest order of novelties. We will cheerfully send garments upon receipt of orders, allowing examination as to style and comparison as to quality. The public verdict is always in our favor. It cannot be otherwise with our superior facilities.

Scarlet, Camel's Hair and Lamb's Wool Underwear.

Remember, Ladies, mid-winter in all its terrors is upon us. Save doctors' bills and have yourselves warmly clad. We carry every quality, grade and color, and are selling these goods cheaper than they can be purchased at any retail establishment short of Chicago.

Tea Gowns and French Flannel Wrappers.

REDUCTION	—in—	REDUCTION
Tea Gowns, \$25.00, Reduced from \$35.00		Flannel Wrappers.
Tea Gowns, 20.00, Reduced from 28.00		
Tea Gowns, 16.00, Reduced from 22.50		
Tea Gowns, 12.00, Reduced from 16.50		
Flannel Wrappers, \$8.00, Reduced from \$12.00		
Flannel Wrappers, 6.00, Reduced from 9.00		
Flannel Wrappers, 5.00, Reduced from 7.50		

You will realize the Importance of our Bonanza Sale during the cold weather and not neglect this department.

Out of Town orders Promptly Filled. Satisfaction Guaranteed.

NEW YORK DRY GOODS STORE,

Corner Bridge and Main Streets, Helena, Montana.

WENDEL & STEIN'S

San Francisco Bakery.

Formerly M. Reing's.

First-Class Quality of

Bread, Pies and Cakes

Promptly Delivered

To any part of the city on short notice. No. 108

Bridge street, one door above St. Louis.

Branch Store at Cor. Sixth Avenue and Park.

H. TONN,

3 North Main Street, Helena.

MILLINERY.

Beaver Hats, Best Quality, \$2.50.

Trimmed Hats and Bonnets reduced to COST.

Untrimmed Hat Hats, 50c, 75c and \$1.

HOLIDAY GOODS.

New and Desirable Presents for Old and Young.

Everybody should use this Elegant Array of Christmas Gifts.

Toys, Books, Novelties, Fancy Goods, Notions, Etc.,

Which are prepared to furnish at Prices Lower than the Lowest.

H. TONN.

Agents for Butterick's Patterns and Hall's Bazaar Forms.

MONEY TO LOAN AT

10 Per Cent.

For 3 to 5 Years Time on Real

Estate in the City of

Helena.

No Commissions. Interest payable semi-annually.

MONEY FOR BUILDING PURPOSES.

When titles are perfect there will be no delay in closing loans.

Also money to loan on improved Farms and Ranches in Montana.

H. B. PALMER, Gold Block, Room 12, Second Floor.

NOTICE OF STOCKHOLDERS MEETING.—The annual election of directors of the First National Bank of Helena, Montana, will take place at said bank the second Tuesday in January, 1890.

E. W. KN